

ABSTRACT OF THE DISCLOSURE

A gas diffusion media and method of making are provided including the formation of a carbon fiber paper which is heated to a carbonization temperature without exceeding a graphitization temperature. The discovery that a final high temperature heat treatment step in the graphitization temperature zone is not necessary to make effective gas diffusion media for PEM fuel cells greatly reduces the cost associated with the high temperature final heat treatment and also allows for the processing of the diffusion media in a roll.